

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/539,289
Source: PG7/10
Date Processed by STIC: 6/24/05

ENTERED

**CRF Errors Edited by the STIC Systems
Branch**

Serial Number: 10/539,289

CRF Edit Date: 6/28/05
Edited by: Ar

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

/ Deleted: / invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



PCT

RAW SEQUENCE LISTING

DATE: 06/28/2005

PATENT APPLICATION: US/10/539,289

TIME: 16:17:11

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\06282005\J539289.raw

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3 <110> APPLICANT: Neufeld, Gera
5 <120> TITLE OF INVENTION: A VEGF VARIANT THAT LACKS VEGFR-1 BINDING ABILITY AND ITS
USE IN
6     PROMOTION OF RE-ENDOTHELIZATION AND PREVENTION OF INSTENT
7     RESTENOSIS
9 <130> FILE REFERENCE: 29432
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/539,289
C--> 11 <141> CURRENT FILING DATE: 2005-06-16
11 <160> NUMBER OF SEQ ID NOS: 8
13 <170> SOFTWARE: PatentIn version 3.2
15 <210> SEQ ID NO: 1
16 <211> LENGTH: 438
17 <212> TYPE: DNA
18 <213> ORGANISM: Homo sapiens
20 <400> SEQUENCE: 1
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23 tatcagcgca gctactgcc tccaatcgag accctggtgg acatcttcca ggagtaccct      120
25 gatgagatcg agtacatctt caagccatcc tgtgtgcccc tgatgcgatg cgggggctgc      180
27 tgcaatgacg agggcctgga gtgtgtgccc actgaggagt ccaacatcac catgcagatt      240
29 atgcggatca aacctcacca aggccagcac ataggagaga tgagcttcct acagcacaac      300
31 aaatgtgaat gcagaccaa gaaagataga gcaagacaag aaaaaaatc agttcgagga      360
33 aagggaaaagg ggcaaaaacg aaagcgcaag aaatcccggt ataagtcttg gagcgtatgt      420
35 gacaagccga ggcggtga                                     438
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 438
40 <212> TYPE: DNA
41 <213> ORGANISM: Homo sapiens
43 <400> SEQUENCE: 2
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46 tatcagcgca gctactgcc tccaatcgag accctggtgg acatcttcca ggagtaccct      120
48 gatgagatcg agtacatctt caagccatcc tgtgtgcccc tgatgcgatg cgggggctgc      180
50 tgcaatgacg agatgagaga gtgtgtgccc actgaggagt ccaacatcac catgcagatt      240
52 atgcggatca aacctcacca aggccagcac ataggagaga tgagcttcct acagcacaac      300
54 aaatgtgaat gcagaccaa gaaagataga gcaagacaag aaaaaaatc agttcgagga      360
56 aagggaaaagg ggcaaaaacg aaagcgcaag aaatcccggt ataagtcttg gagcgtatgt      420
58 gacaagccga ggcggtga                                     438
61 <210> SEQ ID NO: 3
62 <211> LENGTH: 145
63 <212> TYPE: PRT
64 <213> ORGANISM: Homo sapiens
66 <400> SEQUENCE: 3
68 Ala Pro Met Ala Glu Gly Gly Gly Gln Asn His His Glu Val Val Lys
69 1           5           10           15
72 Phe Met Asp Val Tyr Gln Arg Ser Tyr Cys His Pro Ile Glu Thr Leu

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73          20          25          30
76 Val Asp Ile Phe Gln Glu Tyr Pro Asp Glu Ile Glu Tyr Ile Phe Lys
77          35          40          45
80 Pro Ser Cys Val Pro Leu Met Arg Cys Gly Gly Cys Cys Asn Asp Glu
81          50          55          60
84 Gly Leu Glu Cys Val Pro Thr Glu Glu Ser Asn Ile Thr Met Gln Ile
85 65          70          75          80
88 Met Arg Ile Lys Pro His Gln Gly Gln His Ile Gly Glu Met Ser Phe
89          85          90          95
92 Leu Gln His Asn Lys Cys Glu Cys Arg Pro Lys Lys Asp Arg Ala Arg
93          100          105          110
96 Gln Glu Lys Lys Ser Val Arg Gly Lys Gly Lys Gly Gln Lys Arg Lys
97          115          120          125
100 Arg Lys Lys Ser Arg Tyr Lys Ser Trp Ser Val Cys Asp Lys Pro Arg
101          130          135          140
104 Arg
105 145
108 <210> SEQ ID NO: 4
109 <211> LENGTH: 145
110 <212> TYPE: PRT
111 <213> ORGANISM: Homo sapiens
113 <400> SEQUENCE: 4
115 Ala Pro Met Ala Glu Gly Gly Gly Gln Asn His His Glu Val Val Lys
116 1          5          10          15
119 Phe Met Asp Val Tyr Gln Arg Ser Tyr Cys His Pro Ile Glu Thr Leu
120          20          25          30
123 Val Asp Ile Phe Gln Glu Tyr Pro Asp Glu Ile Glu Tyr Ile Phe Lys
124          35          40          45
127 Pro Ser Cys Val Pro Leu Met Arg Cys Gly Gly Cys Cys Asn Ser Glu
128          50          55          60
131 Met Arg Glu Cys Val Pro Thr Glu Glu Ser Asn Ile Thr Met Gln Ile
132 65          70          75          80
135 Met Arg Ile Lys Pro His Gln Gly Gln His Ile Gly Glu Met Ser Phe
136          85          90          95
139 Leu Gln His Asn Lys Cys Glu Cys Arg Pro Lys Lys Asp Arg Ala Arg
140          100          105          110
143 Gln Glu Lys Lys Ser Val Arg Gly Lys Gly Lys Gly Gln Lys Arg Lys
144          115          120          125
147 Arg Lys Lys Ser Arg Tyr Lys Ser Trp Ser Val Cys Asp Lys Pro Arg
148          130          135          140
151 Arg
152 145
155 <210> SEQ ID NO: 5
156 <211> LENGTH: 27
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
163 <400> SEQUENCE: 5

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RAW SEQUENCE LISTING

DATE: 06/28/2005

PATENT APPLICATION: US/10/539,289

TIME: 16:17:11

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\06282005\J539289.raw

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167 <210> SEQ ID NO: 6
168 <211> LENGTH: 46
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
175 <400> SEQUENCE: 6
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179 <210> SEQ ID NO: 7
180 <211> LENGTH: 31
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
187 <400> SEQUENCE: 7
188 gagtgtgtgc ccactgagga gtccaacatc a 31
191 <210> SEQ ID NO: 8
192 <211> LENGTH: 28
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
199 <400> SEQUENCE: 8
200 ggggtacccc tcaccgcctc ggcttgtc 28

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/539,289

DATE: 06/28/2005

TIME: 16:17:12

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\06282005\J539289.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

BEST AVAILABLE COPY

Raw Sequence Listing before editing,
for reference only



PCT

RAW SEQUENCE LISTING

DATE: 06/24/2005

PATENT APPLICATION: US/10/539,289

TIME: 15:19:00

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\06242005\J539289.raw

3 <110> APPLICANT: Neufeld, Gera
 5 <120> TITLE OF INVENTION: A VEGF VARIANT THAT LACKS VEGFR-1 BINDING ABILITY AND ITS
 USE IN
 6 PROMOTION OF RE-ENDOTHELIZATION AND PREVENTION OF INSTENT
 7 RESTENOSIS
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 11 <160> NUMBER OF SEQ ID NOS: 8
 13 <170> SOFTWARE: PatentIn version 3.2

ERRORED SEQUENCES

191 <210> SEQ ID NO: 8
 192 <211> LENGTH: 28
 193 <212> TYPE: DNA
 194 <213> ORGANISM: Artificial sequence
 196 <220> FEATURE:
 197 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
 199 <400> SEQUENCE: 8
 200 ggggtacccc tcaccgcctc ggcttgtc
 E--> 212 3

Does Not Comply
Corrected Diskette Needed

28

VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/539,289**

DATE: 06/24/2005

TIME: 15:19:01

Input Set : **A:\PTO.SR.txt**

Output Set: **N:\CRF4\06242005\J539289.raw**

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:212 M:254 E: No. of Bases conflict, this line has no nucleotides.